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**DATE:** August 18, 2004

**TO:** Examiner Jennifer C. McNeil **FAX NO.:** 703-872-9306  
USPTO GPAU 1775

**FROM:** Jeffrey S. Abel

Registration No.: 36,079

**RE U.S. App. No.:** 10/044,744, filed January 11, 2002

**Applicant(s):** Matthew A. Simpson, et al.

**Atty Dkt No.:** 1035-SC4127

**Title:** METHOD FOR FORMING CERAMIC LAYER HAVING GARNET  
CRYSTAL STRUCTURE PHASE AND ARTICLE MADE THEREBY

**NO. OF PAGES (including Cover Sheet):** 6

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Attached please find:

- ☒ Transmittal Form (1 pg)
- ☒ Response to Office Action (4 pgs)

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PAGE 1/6 \* RCVD AT 8/18/2004 5:24:33 PM [Eastern Daylight Time] \* SVR:USPTO-EFAX-1/0 \* DNIS:8729306 \* CSID:5123275452 \* DURATION (mm-ss):01-34

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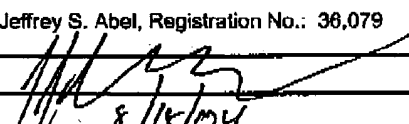
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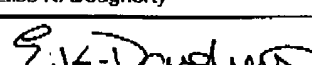
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/044,744	
	Filing Date	January 11, 2002	
	First Named Inventor	Matthew A. Simpson	
	Art Unit	1775	
	Examiner Name	Jennifer C. McNeil	
Total Number of Pages in This Submission	5	Attorney Docket Number	1035-SC4127

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Firm or Individual name	Jeffrey S. Abel, Registration No.: 36,079
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Date	8/18/04

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Matthew A. Simpson, et al.

Title: METHOD FOR FORMING CERAMIC LAYER HAVING GARNET  
CRYSTAL STRUCTURE PHASE AND ARTICLE MADE THEREBY

App. No.: 10/044,744 Filed: January 11, 2002

Examiner: Jennifer C. McNeil Group Art Unit: 1775

Customer No.: 34456 Confirmation No.: 1554

Atty. Dkt. No.: 1035-SC4127

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**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action mailed 05-18-2004, please amend the above-identified application as follows:

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